

Title (en)
MOTOR

Title (de)
MOTOR

Title (fr)
MOTEUR

Publication
EP 3852248 A1 20210721 (EN)

Application
EP 19859239 A 20190909

Priority
• KR 20180108994 A 20180912
• KR 2019011649 W 20190909

Abstract (en)

An embodiment relates to a motor comprising: a shaft; a rotor coupled to the shaft; a stator disposed outside the rotor; a housing for accommodating the rotor and the stator; a cover arranged above the housing; a circuit board arranged under the cover; and a connector electrically connected to the circuit board, wherein the cover comprises a cover body and a cover protrusion protruding from a lower portion of the cover body in an axial direction, the connector comprises a connector body and a grommet disposed at a side of the connector body, and the connector is fitted into a groove formed in the cover protrusion by using the grommet. Accordingly, the motor can be movably arranged on the cover.

IPC 8 full level
H02K 5/22 (2006.01)

CPC (source: EP KR US)
H02K 5/10 (2013.01 - US); **H02K 5/225** (2013.01 - EP KR US); **H02K 11/33** (2016.01 - EP); **H02K 2203/09** (2013.01 - US);
H02K 2211/03 (2013.01 - KR)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3852248 A1 20210721; EP 3852248 A4 20220601; CN 112689943 A 20210420; CN 112689943 B 20240326; JP 2022500987 A 20220104;
JP 7395571 B2 20231211; KR 20200030296 A 20200320; US 2021320557 A1 20211014; WO 2020055067 A1 20200319

DOCDB simple family (application)
EP 19859239 A 20190909; CN 201980059440 A 20190909; JP 2021513913 A 20190909; KR 20180108994 A 20180912;
KR 2019011649 W 20190909; US 201917271759 A 20190909